

Job Hazard Analysis Form

Example No. 1

JOB TITLE: Lathe Operator

DATE OF ANALYSIS:

JOB LOCATION: Machining Department

STEP	HAZARD	NEW PROCEDURE OR PROTECTION
1) Blow off cutting fluid and metal shards from lathe mounting plate with compressed air.	1) Flying metal shards or cutting oil impacting on eyes, face, or skin	1) a) Lower compressed air pressure b) Use vacuum, brush and/or cloth to remove debris c) Eye protection if continue to use compressed air
2) Position part onto lathe mounting plate		
3) Tighten part on mounting plate		
4) Move overhead crane and controls out of the way		
5) Fully secure part onto plate		
6) Position cutter blades and coolant oil		
7) Turn on lathe and check position		
8) Turn off lathe		
9) Check part dimensions		
10) Blow off cutting blades with compressed air	2) Flying metal shards or cutting oil impacting on eyes, face, or skin.	2) a) Lower compressed air pressure b) Use vacuum, brush and/or cloth to remove debris c) Eye protection if continue to use compressed air
11) Tighten cutting blades		
12) Turn on lathe		
13) Position blades into cutting position		
14) Position coolant fluid hose	3) Fluid harmful to skin?	3) a) Find substitute fluid b) Gloves
15) Monitor cutting	4) Exposure to hot metal chips & cutting fluid vapors or smoke	4) Deflector plate, keep operator out of area, vent for smoke